

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:29:02 ON 23 FEB 2011

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST

0.23 0.23

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,  
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 16:29:40 ON 23 FEB 2011  
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s (photoprotein# or aequorin or obelin or mnemiopsin or phiallidin or mitrocomin  
or halistaurin or clytin)(15a)(muta? or variant#)

FILE 'MEDLINE'

498 PHOTOPROTEIN#

1599 AEQUORIN

88 OBELIN

6 MNEMIOPSIN

0 PHIALLIDIN

3 MITROCOMIN

3 HALISTAURIN

8 CLYTIN

710976 MUTA?

166415 VARIANT#

L1 51 (PHOTOPROTEIN# OR AEQUORIN OR OBELIN OR MNEMIOPSIN OR PHIALLIDIN  
OR MITROCOMIN OR HALISTAURIN OR CLYTIN) (15A) (MUTA? OR VARIANT#)

FILE 'SCISEARCH'

529 PHOTOPROTEIN#

1554 AEQUORIN

105 OBELIN

6 MNEMIOPSIN

0 PHIALLIDIN

3 MITROCOMIN

1 HALISTAURIN

9 CLYTIN

707302 MUTA?

195929 VARIANT#

L2 63 (PHOTOPROTEIN# OR AEQUORIN OR OBELIN OR MNEMIOPSIN OR PHIALLIDIN  
OR MITROCOMIN OR HALISTAURIN OR CLYTIN) (15A) (MUTA? OR VARIANT#)

FILE 'LIFESCI'

228 PHOTOPROTEIN#

595 AEQUORIN

30 OBELIN

1 MNEMIOPSIN

0 PHIALLIDIN

2 MITROCOMIN

1 HALISTAURIN

5 CLYTIN

345234 MUTA?

68042 VARIANT#

L3 28 (PHOTOPROTEIN# OR AEQUORIN OR OBELIN OR MNEMIOPSIN OR PHIALLIDIN  
OR MITROCOMIN OR HALISTAURIN OR CLYTIN) (15A) (MUTA? OR VARIANT#)

FILE 'BIOTECHDS'

77 PHOTOPROTEIN#

```

147 AEQUORIN
24 OBELIN
6 MNEMIOPSIN
0 PHIALLIDIN
3 MITROCOMIN
0 HALISTAURIN
12 CLYTIN
55191 MUTA?
20535 VARIANT#
L4      21 (PHOTOPROTEIN# OR AEQUORIN OR OBELIN OR MNEMIOPSIN OR PHIALLIDIN
          OR MITROCOMIN OR HALISTAURIN OR CLYTIN) (15A) (MUTA? OR VARIANT#)

```

FILE 'BIOSIS'

```

618 PHOTOPROTEIN#
1868 AEQUORIN
124 OBELIN
5 MNEMIOPSIN
0 PHIALLIDIN
4 MITROCOMIN
2 HALISTAURIN
10 CLYTIN
773511 MUTA?
170053 VARIANT#
L5      68 (PHOTOPROTEIN# OR AEQUORIN OR OBELIN OR MNEMIOPSIN OR PHIALLIDIN
          OR MITROCOMIN OR HALISTAURIN OR CLYTIN) (15A) (MUTA? OR VARIANT#)

```

FILE 'EMBASE'

```

3188 PHOTOPROTEIN#
1866 AEQUORIN
101 OBELIN
6 MNEMIOPSIN
0 PHIALLIDIN
3 MITROCOMIN
3 HALISTAURIN
8 CLYTIN
780990 MUTA?
194878 VARIANT#
L6      53 (PHOTOPROTEIN# OR AEQUORIN OR OBELIN OR MNEMIOPSIN OR PHIALLIDIN
          OR MITROCOMIN OR HALISTAURIN OR CLYTIN) (15A) (MUTA? OR VARIANT#)

```

FILE 'HCAPLUS'

```

821 PHOTOPROTEIN#
1705 AEQUORIN
151 OBELIN
13 MNEMIOPSIN
0 PHIALLIDIN
14 MITROCOMIN
4 HALISTAURIN
28 CLYTIN
729258 MUTA?
167151 VARIANT#
L7      103 (PHOTOPROTEIN# OR AEQUORIN OR OBELIN OR MNEMIOPSIN OR PHIALLIDIN
          OR MITROCOMIN OR HALISTAURIN OR CLYTIN) (15A) (MUTA? OR VARIANT#)

```

FILE 'NTIS'

```

16 PHOTOPROTEIN#
21 AEQUORIN
2 OBELIN
0 MNEMIOPSIN
0 PHIALLIDIN
0 MITROCOMIN
0 HALISTAURIN

```

```

        0 CLYTIN
    11230 MUTA?
    5291 VARIANT#
L8      3 (PHOTOPROTEIN# OR AEQUORIN OR OBELIN OR MNEMIOPSIN OR PHIALLIDIN
        OR MITROCOMIN OR HALISTAURIN OR CLYTIN) (15A) (MUTA? OR VARIANT#)

```

FILE 'ESBIOBASE'

```

    187 PHOTOPROTEIN#
    626 AEQUORIN
    35 OBELIN
    0 MNEMIOPSIN
    0 PHIALLIDIN
    1 MITROCOMIN
    0 HALISTAURIN
    4 CLYTIN
    393312 MUTA?
    79530 VARIANT#
L9      44 (PHOTOPROTEIN# OR AEQUORIN OR OBELIN OR MNEMIOPSIN OR PHIALLIDIN
        OR MITROCOMIN OR HALISTAURIN OR CLYTIN) (15A) (MUTA? OR VARIANT#)

```

FILE 'BIOTECHNO'

```

    260 PHOTOPROTEIN#
    416 AEQUORIN
    27 OBELIN
    0 MNEMIOPSIN
    0 PHIALLIDIN
    1 MITROCOMIN
    1 HALISTAURIN
    2 CLYTIN
    242571 MUTA?
    41198 VARIANT#
L10     20 (PHOTOPROTEIN# OR AEQUORIN OR OBELIN OR MNEMIOPSIN OR PHIALLIDIN
        OR MITROCOMIN OR HALISTAURIN OR CLYTIN) (15A) (MUTA? OR VARIANT#)

```

FILE 'WPIDS'

```

    131 PHOTOPROTEIN#
    266 AEQUORIN
    49 OBELIN
    19 MNEMIOPSIN
    0 PHIALLIDIN
    17 MITROCOMIN
    4 HALISTAURIN
    28 CLYTIN
    46102 MUTA?
    41289 VARIANT#
L11     30 (PHOTOPROTEIN# OR AEQUORIN OR OBELIN OR MNEMIOPSIN OR PHIALLIDIN
        OR MITROCOMIN OR HALISTAURIN OR CLYTIN) (15A) (MUTA? OR VARIANT#)

```

TOTAL FOR ALL FILES

```

L12     484 (PHOTOPROTEIN# OR AEQUORIN OR OBELIN OR MNEMIOPSIN OR PHIALLIDIN
        OR MITROCOMIN OR HALISTAURIN OR CLYTIN) (15A) (MUTA? OR VARIANT#)

```

=> s (phiallidin or clytin) and (muta? or variant#)

FILE 'MEDLINE'

```

    0 PHIALLIDIN
    8 CLYTIN
    710976 MUTA?
    166415 VARIANT#
L13     1 (PHIALLIDIN OR CLYTIN) AND (MUTA? OR VARIANT#)

```

FILE 'SCISEARCH'

0 PHIALLIDIN  
9 CLYTIN  
707302 MUTA?  
195929 VARIANT#  
L14 1 (PHIALLIDIN OR CLYTIN) AND (MUTA? OR VARIANT#)

FILE 'LIFESCI'  
0 PHIALLIDIN  
5 CLYTIN  
345234 MUTA?  
68042 VARIANT#  
L15 0 (PHIALLIDIN OR CLYTIN) AND (MUTA? OR VARIANT#)

FILE 'BIOTECHDS'  
0 PHIALLIDIN  
12 CLYTIN  
55191 MUTA?  
20535 VARIANT#  
L16 7 (PHIALLIDIN OR CLYTIN) AND (MUTA? OR VARIANT#)

FILE 'BIOSIS'  
0 PHIALLIDIN  
10 CLYTIN  
773511 MUTA?  
170053 VARIANT#  
L17 0 (PHIALLIDIN OR CLYTIN) AND (MUTA? OR VARIANT#)

FILE 'EMBASE'  
0 PHIALLIDIN  
8 CLYTIN  
780990 MUTA?  
194878 VARIANT#  
L18 1 (PHIALLIDIN OR CLYTIN) AND (MUTA? OR VARIANT#)

FILE 'HCAPLUS'  
0 PHIALLIDIN  
28 CLYTIN  
729258 MUTA?  
167151 VARIANT#  
L19 9 (PHIALLIDIN OR CLYTIN) AND (MUTA? OR VARIANT#)

FILE 'NTIS'  
0 PHIALLIDIN  
0 CLYTIN  
11230 MUTA?  
5291 VARIANT#  
L20 0 (PHIALLIDIN OR CLYTIN) AND (MUTA? OR VARIANT#)

FILE 'ESBIOBASE'  
0 PHIALLIDIN  
4 CLYTIN  
393312 MUTA?  
79530 VARIANT#  
L21 2 (PHIALLIDIN OR CLYTIN) AND (MUTA? OR VARIANT#)

FILE 'BIOTECHNO'  
0 PHIALLIDIN  
2 CLYTIN  
242571 MUTA?  
41198 VARIANT#  
L22 0 (PHIALLIDIN OR CLYTIN) AND (MUTA? OR VARIANT#)

```
FILE 'WPIDS'
      0 PHIALLIDIN
      28 CLYTIN
      46102 MUTA?
      41289 VARIANT#
L23      13 (PHIALLIDIN OR CLYTIN) AND (MUTA? OR VARIANT#)
```

```
TOTAL FOR ALL FILES
L24      34 (PHIALLIDIN OR CLYTIN) AND (MUTA? OR VARIANT#)
```

```
=> s (l12 or l24) not 2007-2011/py
FILE 'MEDLINE'
      3064622 2007-2011/PY
L25      36 (L1 OR L13) NOT 2007-2011/PY
```

```
FILE 'SCISEARCH'
      5525650 2007-2011/PY
      (20070000-20119999/PY)
L26      44 (L2 OR L14) NOT 2007-2011/PY
```

```
FILE 'LIFESCI'
      967544 2007-2011/PY
L27      21 (L3 OR L15) NOT 2007-2011/PY
```

```
FILE 'BIOTECHDS'
      62653 2007-2011/PY
L28      18 (L4 OR L16) NOT 2007-2011/PY
```

```
FILE 'BIOSIS'
      2459712 2007-2011/PY
L29      47 (L5 OR L17) NOT 2007-2011/PY
```

```
FILE 'EMBASE'
      3442010 2007-2011/PY
L30      37 (L6 OR L18) NOT 2007-2011/PY
```

```
FILE 'HCAPLUS'
      6611359 2007-2011/PY
L31      60 (L7 OR L19) NOT 2007-2011/PY
```

```
FILE 'NTIS'
      67829 2007-2011/PY
L32      3 (L8 OR L20) NOT 2007-2011/PY
```

```
FILE 'ESBIOBASE'
      1458468 2007-2011/PY
L33      32 (L9 OR L21) NOT 2007-2011/PY
```

```
FILE 'BIOTECHNO'
      0 2007-2011/PY
L34      20 (L10 OR L22) NOT 2007-2011/PY
```

```
FILE 'WPIDS'
      6288163 2007-2011/PY
L35      7 (L11 OR L23) NOT 2007-2011/PY
```

```
TOTAL FOR ALL FILES
L36      325 (L12 OR L24) NOT 2007-2011/PY
```

```
=> dup rem l36
PROCESSING COMPLETED FOR L36
L37      105 DUP REM L36 (220 DUPLICATES REMOVED)
```

=> d tot

L37 ANSWER 1 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
TI New photoprotein aequorin Y89F, its functional equivalents and  
corresponding nucleic acids, useful as labels or reporters, especially in  
pharmacological research and diagnostic applications;  
DNA and RNA vector-mediated gene transfer and expression in host cell  
for use as a diagnostic, in pharmacological and pharmaceutical  
industries, for calcium concentration detection, drug screening and  
high throughput screening  
AU GOLZ S; VYSOTSKI E; MARKOVA S; STEPANYUK G; BURAKOVA L; FRANK L  
AN 2006-08904 BIOTECHDS  
PI WO 2006010454 2 Feb 2006

L37 ANSWER 2 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
TI Photoprotein useful as an intracellular calcium indicator, is  
obtained by mutagenesis of clytin, is able to bind  
coelenterazine and calcium, and displays enhanced bioluminescence;  
recombinant photoprotein for intracellular calcium indicator,  
cell-based high throughput screening assay, intracellular calcium  
concentration modulating compound screening and diagnosis composition  
AU MASTROIANNI N; CAINARCA S; CORAZZA S  
AN 2006-24828 BIOTECHDS  
PI WO 2006094805 14 Sep 2006

L37 ANSWER 3 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
TI Novel cell comprising endogenous promiscuous G-proteins and exogenous  
nucleic acid encoding G-protein coupled receptor (GPCR), useful for  
identifying agent that modulates activity of GPCR;  
a recombinant G-protein coupled receptor expressed in a Chinese  
hamster ovary cell useful for the identification of an agonist or  
antagonist  
AU HSU M  
AN 2006-13695 BIOTECHDS  
PI WO 2006050214 11 May 2006

L37 ANSWER 4 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
TI New nucleic acid encoding variant of aequorin, useful  
e.g. as reporter gene and as dye, has much longer luminescent lifetime  
than the parent protein, also new encoded proteins;  
recombinant photoprotein production via plasmid expression in host  
cell for use in marker and pollutant quantification  
AN 2007-01755 BIOTECHDS  
PI DE 102005022146 23 Nov 2006

L37 ANSWER 5 OF 105 HCAPLUS COPYRIGHT 2011 ACS on STN  
TI Genetically engineered luminescent proteins in biosensing  
SO Proceedings of SPIE-The International Society for Optical Engineering  
(2006), 6098, 60980H/1-60980H/9  
CODEN: PSISDG; ISSN: 0277-786X  
AU Rowe, Laura; Ensor, Mark; Scott, Daniel; Deo, Sapna; Daunert, Sylvia  
AN 2006:293863 HCAPLUS  
DN 145:287941

L37 ANSWER 6 OF 105 MEDLINE on STN DUPLICATE 2  
TI Calcium dependence of aequorin bioluminescence dissected by  
random mutagenesis.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (2006 Jun 20) Vol. 103, No. 25, pp. 9500-5. Electronic  
Publication: 2006-06-12.

Journal code: 7505876. ISSN: 0027-8424. L-ISSN: 0027-8424.

Report No.: NLM-PMC1480436.

AU Tricoire Ludovic; Tsuzuki Keisuke; Courjean Olivier; Gibelin Nathalie;  
Bourout Gaelle; Rossier Jean; Lambolez Bertrand

AN 2006373143 MEDLINE

L37 ANSWER 7 OF 105 MEDLINE on STN DUPLICATE 3

TI Crystal structure of obelin after Ca<sup>2+</sup>-triggered bioluminescence suggests  
neutral coelenteramide as the primary excited state.

SO Proceedings of the National Academy of Sciences of the United States of  
America, (2006 Feb 21) Vol. 103, No. 8, pp. 2570-5. Electronic  
Publication: 2006-02-08.

Journal code: 7505876. ISSN: 0027-8424. L-ISSN: 0027-8424.

Report No.: NLM-PMC1413834.

AU Liu Zhi-Jie; Stepanyuk Galina A; Vysotski Eugene S; Lee John; Markova  
Svetlana V; Malikova Natalia P; Wang Bi-Cheng

AN 2006245287 MEDLINE

L37 ANSWER 8 OF 105 SCISEARCH COPYRIGHT (c) 2011 The Thomson Corporation on  
STN DUPLICATE 4

TI Presenilin mutations linked to familial Alzheimer's disease reduce  
endoplasmic reticulum and Golgi apparatus calcium levels

SO CELL CALCIUM, (JUN 2006) Vol. 39, No. 6, pp. 539-550.  
ISSN: 0143-4160.

AU Pizzo P (Reprint); Zatti G; Burgo A; Giacomello M; Barbiero L; Ghidoni R;  
Sinigaglia G; Florean C; Bagnoli S; Binetti G; Sorbi S; Fasolato C

AN 2006:638192 SCISEARCH

L37 ANSWER 9 OF 105 SCISEARCH COPYRIGHT (c) 2011 The Thomson Corporation on  
STN DUPLICATE 5

TI Calcium dependence of aequorin bioluminescence dissected by  
random mutagenesis

SO LUMINESCENCE, (SEP-OCT 2006) Vol. 21, No. 5, pp. 280-281.  
ISSN: 1522-7235.

AU Lambolez, B. (Reprint); Tricoire, L.; Tsuzuki, K.

AN 2007:63333 SCISEARCH

L37 ANSWER 10 OF 105 MEDLINE on STN DUPLICATE 6

TI Photoprotein aequorin as a novel reporter for SNP  
genotyping by primer extension-application to the variants of  
mannose-binding lectin gene.

SO Human mutation, (2006 Mar) Vol. 27, No. 3, pp. 279-85.

Journal code: 9215429. E-ISSN: 1098-1004. L-ISSN: 1059-7794.

AU Zerefos Panayotis G; Ioannou Penelope C; Traeger-Synodinos Joanne;  
Dimissianos Gerasimos; Kanavakis Emmanuel; Christopoulos Theodore K

AN 2006090326 MEDLINE

L37 ANSWER 11 OF 105 SCISEARCH COPYRIGHT (c) 2011 The Thomson Corporation  
on STN DUPLICATE 7

TI Obelin mutants with altered colour of light emission  
as labels for dual-wavelength immunoassay

SO LUMINESCENCE, (SEP-OCT 2006) Vol. 21, No. 5, pp. 271-271.  
ISSN: 1522-7235.

AU Borisova, V. V. (Reprint); Frank, L. A.; Malikova, N. P.; Stepanyuk, G.  
A.; Markova, S. V.; Lee, J.; Vysotski, E. S.

AN 2007:63300 SCISEARCH

L37 ANSWER 12 OF 105 HCAPLUS COPYRIGHT 2011 ACS on STN

TI Luminescent proteins in binding assays

SO Photoproteins in Bioanalysis (2006), 155-178. Editor(s): Daunert, Sylvia;  
Deo, Sapna K. Publisher: Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim,  
Germany.

CODEN: 69IPFP; ISBN: 978-3-527-31016-6

AU Roda, Aldo; Guardigli, Massimo; Michelini, Elisa; Mirasoli, Mara; Pasini, Patrizia  
AN 2006:1159037 HCAPLUS  
DN 146:223628

L37 ANSWER 13 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
TI Monitoring the expression level of a gene comprises transforming a cell expressing a regulatory biomolecule with a nucleic acid molecule encoding an interaction partner of the biomolecule;  
gene expression level monitoring via vector expression in host cell  
AU HILLEN W; BERENS C; KLOTZSCHE M  
AN 2005-26651 BIOTECHDS  
PI EP 1580273 28 Sep 2005

L37 ANSWER 14 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
TI Monitoring the expression level of a gene in a host cell by modulating a regulatory biomolecule activity by transforming a cell expressing a regulatory biomolecule with a nucleic acid and assessing the expression level of the gene;  
for use in gene expression monitoring  
AU HILLEN W; KLOTZSCHE M; BERENS C  
AN 2005-28936 BIOTECHDS  
PI WO 2005093075 6 Oct 2005

L37 ANSWER 15 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
TI Detecting dynamics of calcium ion in biological system, optically, involves monitoring photons emitted by recombinant calcium-sensitive polypeptide having chemiluminescent protein linked to fluorescent protein, present in system;  
transgenic animal model construction production via plasmid expression in host cell for use in disease diagnosis and calcium ion detection  
AU BRULET P; ROGERS K; PICAUD S  
AN 2005-25434 BIOTECHDS  
PI WO 2005078445 25 Aug 2005

L37 ANSWER 16 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
TI New isolated nucleic acid encoding aequorin or obelin mutant protein capable of binding coelenterazine and molecular oxygen, and emitting light, useful for multianalyte microanalysis, and for identifying inhibitors of HIV-1 protease;  
mutant protein molecule isolation for use in microanalysis and virus enzyme-inhibitor identification  
AU DAUNERT S; DEO S K; DIKICI E; ROWE L  
AN 2005-29507 BIOTECHDS  
PI US 20050214776 29 Sep 2005

L37 ANSWER 17 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
TI New nucleic acid encoding photoproteins from Clytia gregaria, useful as marker and reporter genes, particularly in screening for pharmaceuticals,;  
recombinant protein production via plasmid expression in host cell for use in marker and reporter gene  
AU GOLZ S; MARKOVA S; BURAKOVA L; FRANK L; VYSOTSKI E  
AN 2005-15281 BIOTECHDS  
PI DE 10342670 21 Apr 2005

L37 ANSWER 18 OF 105 MEDLINE on STN DUPLICATE 9  
TI Thermostable mutants of the photoprotein aequorin obtained by in vitro evolution.  
SO The Journal of biological chemistry, (2005 Oct 7) Vol. 280, No. 40, pp. 34324-31. Electronic Publication: 2005-06-22.



Journal code: 2985121R. ISSN: 0021-9258. L-ISSN: 0021-9258.

AU Tsuzuki Keisuke; Tricoire Ludovic; Courjean Olivier; Gibelin Nathalie;  
Rossier Jean; Lambolez Bertrand  
AN 2005531200 MEDLINE

L37 ANSWER 19 OF 105 MEDLINE on STN DUPLICATE 10  
TI Transient receptor potential-like channels are essential for calcium  
signaling and fluid transport in a *Drosophila* epithelium.  
SO Genetics, (2005 Mar) Vol. 169, No. 3, pp. 1541-52. Electronic  
Publication: 2005-02-03.  
Journal code: 0374636. ISSN: 0016-6731. L-ISSN: 0016-6731.  
Report No.: NLM-PMC1449567.

AU MacPherson Matthew R; Pollock Valerie P; Kean Laura; Southall Tony D;  
Giannakou Maria E; Broderick Kate E; Dow Julian A T; Hardie Roger C;  
Davies Shireen A  
AN 2005162895 MEDLINE

L37 ANSWER 20 OF 105 MEDLINE on STN DUPLICATE 11  
TI Bioluminescence resonance energy transfer from aequorin to a fluorophore:  
an artificial jellyfish for applications in multianalyte detection.  
SO Analytical and bioanalytical chemistry, (2005 Apr) Vol. 381, No. 7, pp.  
1387-94. Electronic Publication: 2005-02-25.  
Journal code: 101134327. ISSN: 1618-2642.

AU Deo Sapna K; Mirasoli Mara; Daunert Sylvia  
AN 2005186632 MEDLINE

L37 ANSWER 21 OF 105 LIFESCI COPYRIGHT 2011 CSA on STN DUPLICATE 12  
TI Interchange of aequorin and obelin bioluminescence color is determined by  
substitution of one active site residue of each photoprotein  
SO FEBS Letters [FEBS Lett.], (20050200) vol. 579, no. 5, pp. 1008-1014.  
ISSN: 0014-5793.  
AU Stepanyuk, Galina A; Golz, Stefan; Markova, Svetlana V; Frank, Ludmila A;  
Lee, John; Vysotski, Eugene S  
AN 2007:220464 LIFESCI

L37 ANSWER 22 OF 105 MEDLINE on STN DUPLICATE 13  
TI Motilin and erythromycin-A share a common binding site in the third  
transmembrane segment of the motilin receptor.  
SO Biochemical pharmacology, (2005 Sep 15) Vol. 70, No. 6, pp. 879-87.  
Journal code: 0101032. ISSN: 0006-2952. L-ISSN: 0006-2952.  
AU Xu Luo; Depoortere Inge; Vertongen Pascale; Waelbroeck Magali; Robberecht  
Patrick; Peeters Theo L  
AN 2005431805 MEDLINE

L37 ANSWER 23 OF 105 Elsevier Biobase COPYRIGHT 2011 Elsevier Science B.V.  
on STN

AN 2005115792 ESBIODBASE

TI Suppression of Pdx-1 perturbs proinsulin processing, insulin secretion  
and GLP-1 signalling in INS-1 cells

AU Wang, H.; Iezzi, M.; Theander, S.; Antinozzi, P.A.; Gauthier, B.R.;  
Wollheim, C.B.; Halban, P.A.

CS Wang, H.; Iezzi, M.; Theander, S.; Antinozzi, P.A.; Gauthier, B.R.;  
Wollheim, C.B. (Dept. of Cell Physiol. and Metab., University Medical  
Center, 1211 Geneva 4 (CH)); Halban, P.A. (Dept. of Med. Genet. and  
Development, University Medical Center, Geneva (CH))  
EMAIL: Haiyan.Wang@medicine.unige.ch

SO Diabetologia (Apr 2005) Volume 48, Number 4, pp. 720-731, 71 refs.  
CODEN: DBTGAJ ISSN: 0012-186X  
DOI: 10.1007/s00125-005-1692-8

CY Germany

DT Journal; Article

LA English

SL English  
ED Entered STN: 3 Feb 2009  
Last updated on STN: 3 Feb 2009

L37 ANSWER 24 OF 105 MEDLINE on STN DUPLICATE 14  
TI Effect of inactivating mutations on phosphorylation and internalization of the human VPAC2 receptor.  
SO Journal of molecular endocrinology, (2005 Apr) Vol. 34, No. 2, pp. 405-14. Journal code: 8902617. ISSN: 0952-5041. L-ISSN: 0952-5041.  
AU Langer Ingrid; Langlet Christelle; Robberecht Patrick  
AN 2005187883 MEDLINE

L37 ANSWER 25 OF 105 HCAPLUS COPYRIGHT 2011 ACS on STN  
TI Spectral tuning of the bioluminescent photoprotein Aequorin  
SO Abstracts of Papers, 229th ACS National Meeting, San Diego, CA, United States, March 13-17, 2005 (2005), ANYL-179 Publisher: American Chemical Society, Washington, D. C. CODEN: 69GQMP  
AU Rowe, Laura; Dikici, Emre; Logue, Courtney; Scott, Daniel; Deo, Sapna; Daunert, Sylvia  
AN 2005:185996 HCAPLUS

L37 ANSWER 26 OF 105 SCISEARCH COPYRIGHT (c) 2011 The Thomson Corporation on STN DUPLICATE 15  
TI Pharmacological investigation of the Arg(344)His variant of the human 5-HT3A receptor by radioligand-binding and aequorin-based calcium-influx measurement  
SO NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, (FEB 2005) Vol. 371, Supp. [1], pp. R30-R30. MA 120. ISSN: 0028-1298.  
AU Combrink S (Reprint); Kostanian A; Barann M; Bonisch H; Gothert M; Bruss M  
AN 2005:751948 SCISEARCH

L37 ANSWER 27 OF 105 LIFESCI COPYRIGHT 2011 CSA on STN  
TI Transient Receptor Potential-Like Channels Are Essential for Calcium Signaling and Fluid Transport in a Drosophila Epithelium  
SO Genetics, (20050300) vol. 169, no. 3, [np]. ISSN: 0016-6731.  
AU MacPherson, Matthew R.; Pollock, Valerie P.; Kean, Laura; Southall, Tony D.; Giannakou, Maria E.; Broderick, Kate E.; Dow, Julian A. T.; Hardie, Roger C.; Davies, Shireen A.  
AN 2007:146194 LIFESCI

L37 ANSWER 28 OF 105 MEDLINE on STN DUPLICATE 16  
TI Self-reporting Arabidopsis expressing pH and [Ca2+] indicators unveil ion dynamics in the cytoplasm and in the apoplast under abiotic stress.  
SO Plant physiology, (2004 Mar) Vol. 134, No. 3, pp. 898-908. Journal code: 0401224. ISSN: 0032-0889. L-ISSN: 0032-0889. Report No.: NLM-PMC389913.  
AU Gao Dongjie; Knight Marc R; Trewavas Anthony J; Sattelmacher Burkhard; Plieth Christoph  
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L37 ANSWER 30 OF 105 SCISEARCH COPYRIGHT (c) 2011 The Thomson Corporation  
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L37 ANSWER 32 OF 105 BIOSIS COPYRIGHT (c) 2011 The Thomson Corporation on  
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photoproteins have increased thermostability or increased  
luminescence time and are useful as bioluminescent markers, e.g., to  
detect pathogens;  
vector-mediated gene transfer and expression in Escherichia coli,  
HEK-293 or CHO cell for HIV virus infection diagnosis  
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ROSSIER J  
AN 2003-13579 BIOTECHDS  
PI FR 2827292 17 Jan 2003

L37 ANSWER 34 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
TI Novel recombinant calcium-binding photoprotein useful for producing  
conjugates which in turn is useful as marker in immunoassay;  
vector-mediated gene transfer and expression in host cell for  
recombinant protein production and immunoassay marker  
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L37 ANSWER 35 OF 105 HCAPLUS COPYRIGHT 2011 ACS on STN  
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bioluminescence for high-throughput screening of calcium ion flux in cell  
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CODEN: PIXXD2  
AN 2003:796734 HCAPLUS  
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2003082904 A2 20031009 WO 2003-US7979 20030314  
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 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,  
 UG, UZ, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
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L37 ANSWER 36 OF 105 HCAPLUS COPYRIGHT 2011 ACS on STN  
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 CODEN: PIXXD2  
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 Eric; Courjean, Olivier Arsene; Tsuzuki, Keisuke; Rossier, Jean  
 AN 2003:58119 HCAPLUS  
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	WO 2003006497	A3	20040122		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	AU 2002333989	A1	20030129	AU 2002-333989	20020712
	EP 1404711	A2	20040407	EP 2002-784875	20020712
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
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L37 ANSWER 38 OF 105 MEDLINE on STN DUPLICATE 22  
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CODEN: JMRMD3; ISSN: 0142-4319

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L37 ANSWER 42 OF 105 MEDLINE on STN DUPLICATE 25

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L37 ANSWER 43 OF 105 BIOSIS COPYRIGHT (c) 2011 The Thomson Corporation on STN

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 signal;  
 vector-mediated gene transfer and expression in yeast host cell for  
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L37 ANSWER 47 OF 105 MEDLINE on STN DUPLICATE 28  
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L37 ANSWER 50 OF 105 MEDLINE on STN DUPLICATE 31  
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L37 ANSWER 51 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
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 fluorescent molecule covalently linked with a photoprotein, useful for  
 monitoring calcium fluxes or for detecting electrical activity in a group  
 of neural cells;  
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 aequorin fusion protein production  
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L37 ANSWER 52 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
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 substances including drugs and foods;  
 vector-mediated gene transfer and expression in host cell for drug  
 screening  
 AN 2002-07884 BIOTECHDS  
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L37 ANSWER 53 OF 105 BIOTECHDS COPYRIGHT 2011 THOMSON REUTERS on STN  
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 Oplophorus gracilirostris consists of 19kDa and 35 kDa subunits and is  
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 vector-mediated reporter gene transfer, expression in host cell and  
 antibody for recombinant protein production  
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 PI EP 1156103 21 Nov 2001

L37 ANSWER 54 OF 105 WPIDS COPYRIGHT 2011 THOMSON REUTERS on STN  
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 treating obesity or diabetes  
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L37 ANSWER 55 OF 105 MEDLINE on STN DUPLICATE 32  
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L37 ANSWER 60 OF 105 HCAPLUS COPYRIGHT 2011 ACS on STN  
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Brini, Marisa; Chiesa, Anna; Rizzuto, Rosario  
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